

ABSTRACT

An object of the present invention is to provide a method for manufacturing a glass particle deposited body in which a taper portion formed at an end portion of the glass particle deposited body is reduced without increasing the number of burners.

The invention allows the glass particle deposited body to be manufactured in such a manner that a plurality of glass particle synthesizing burners are arranged to be opposed to a rotating starting rod, wherein the starting rod and the glass particle synthesizing burners are relatively reciprocated to move a turn-back location of reciprocating movement in a certain direction, and then move the turn-back location of reciprocating movement in the reverse direction if the turn-back location is moved to a predetermined position, until each burner is returned to an initial position, which operation is defined as one set of operation, with an average reciprocating movement distance of one set being less than double a burner-to-burner interval, whereby the glass particles are deposited on the starting rod by repeating one set of operation.